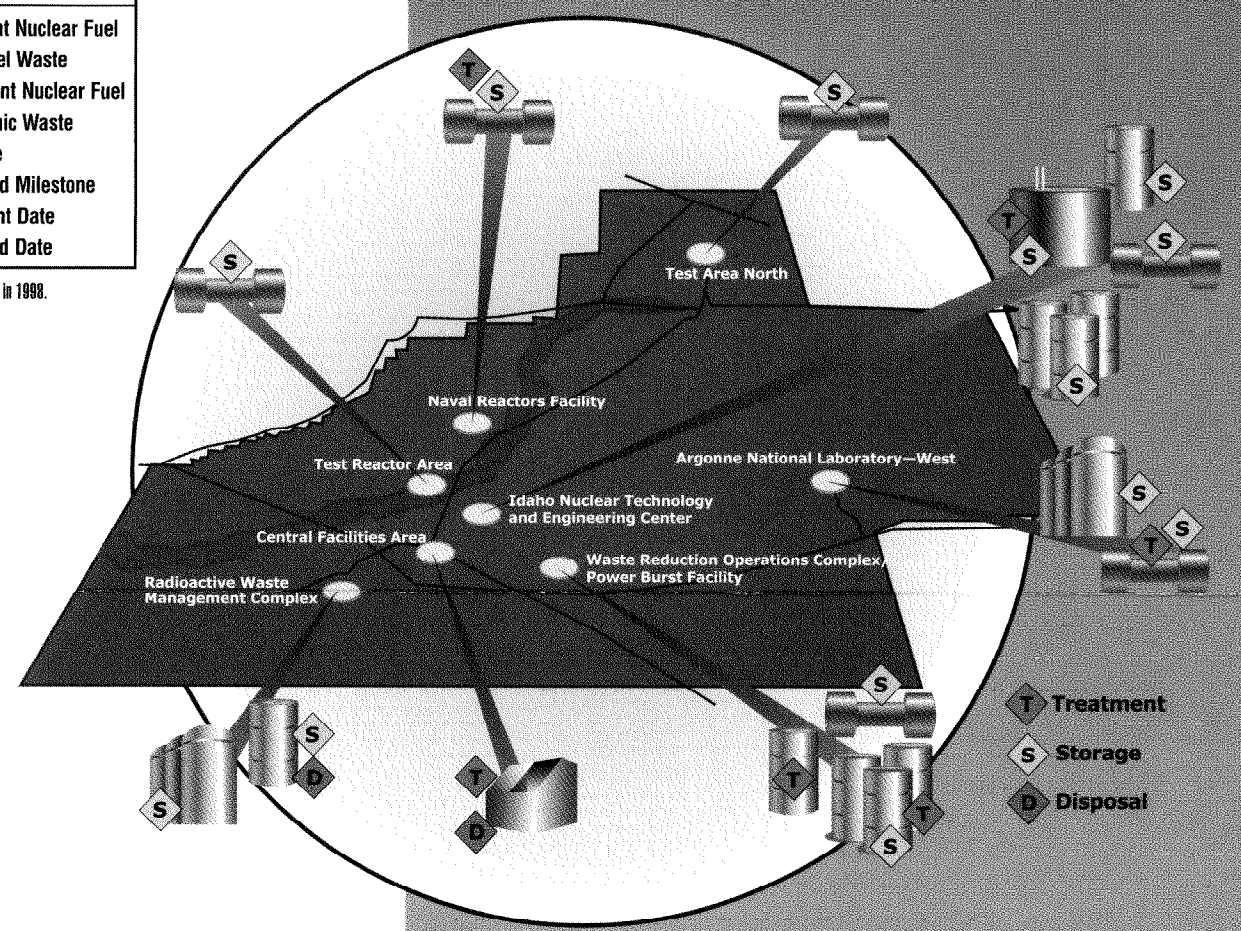


comply with federal law in the management of mixed waste at the INEEL.

Settlement Agreement/Court Order
This 1995 agreement, between the DOE, U.S. Navy and state of Idaho, resolved the legal disputes regarding the receipt of spent nuclear fuel at the INEEL. The court order specifies milestones and deadlines that will guide the INEEL's management of spent nuclear fuel and many historic radioactive wastes through 2035.

Voluntary Consent Order
This agreement, signed in June 2000 by DOE officials and the Idaho Division of Environmental Quality, outlines a 19-year schedule for achieving waste compliance in several areas of concern at the INEEL, including the characterization of more than 700 tanks or their ancillary equipment.



Transuranic	High-Level	Low-Level	Hazards	Mixed Low-Level	Industrial	Spent Nuclear Fuel
<ul style="list-style-type: none">Contains elements with atomic numbers greater than 92, has radioactivity greater than 100 nanocuries per gram and has a half-life of more than 20 yearsTransuranic waste stored aboveground is governed by the 1995 Settlement Agreement/Court OrderChiefly resulted from Cold War weapons productionRequires permanent isolation for disposal at WIPP	<ul style="list-style-type: none">Contains long-lived radionuclides and hazardous substances such as acids, caustics, metals and organic solventsExists in both liquid and solid formsGenerated by only a few processes (spent nuclear fuel reprocessing, now ceased, produced this waste at the INEEL)Requires permanent isolation for disposalGoverned by the 1995 Settlement Agreement/Court Order and Voluntary Consent Order	<ul style="list-style-type: none">Defined by not meeting the definitions for high-level, transuranic, spent nuclear fuel or byproduct materialsDoes not contain hazardous substancesGenerated by most nuclear activitiesChiefly consists (at the INEEL) of contaminated wood, soils, tools and equipmentOften incinerated, sized or compacted before disposal in below-ground containers or vaults both on- and off-site (alternatives to incineration are being developed)	<ul style="list-style-type: none">Contains corrosive, ignitable, reactive or toxic materialsDoes not contain radioactive componentsGenerated by everyday activitiesOften consists of process waste, organic solvents, lead and lead-contaminated debrisCharacterized and shipped out of Idaho to commercial treatment and disposal facilities within 90 days of generation	<ul style="list-style-type: none">Contains components of both low-level radioactive and hazardous wasteMay contain radionuclidesOften includes metals, acids, organic solvents, cyanides, explosive compounds and causticsGenerated by nuclear defense, facility dismantlement and research activitiesFormerly treated by incineration; new treatment technologies are now being studied and developedGoverned by the Site Treatment Plan	<ul style="list-style-type: none">Consists of solid waste debris such as asbestos, paper or woodDoes not contain hazardous or radioactive componentsGenerated by industrial activitiesDisposed of at the INEEL or Bonneville County landfills	<ul style="list-style-type: none">Nuclear fuel that no longer effectively produces energyResults from national defense and other programmatic missionsStored in both wet and dry facilitiesWill be disposed of at a national repository not yet identifiedShipment of spent fuel to a national repository must begin by Sept. 30, 2016All spent fuel must be out of Idaho by Jan. 1, 2035 (a Settlement Agreement milestone)